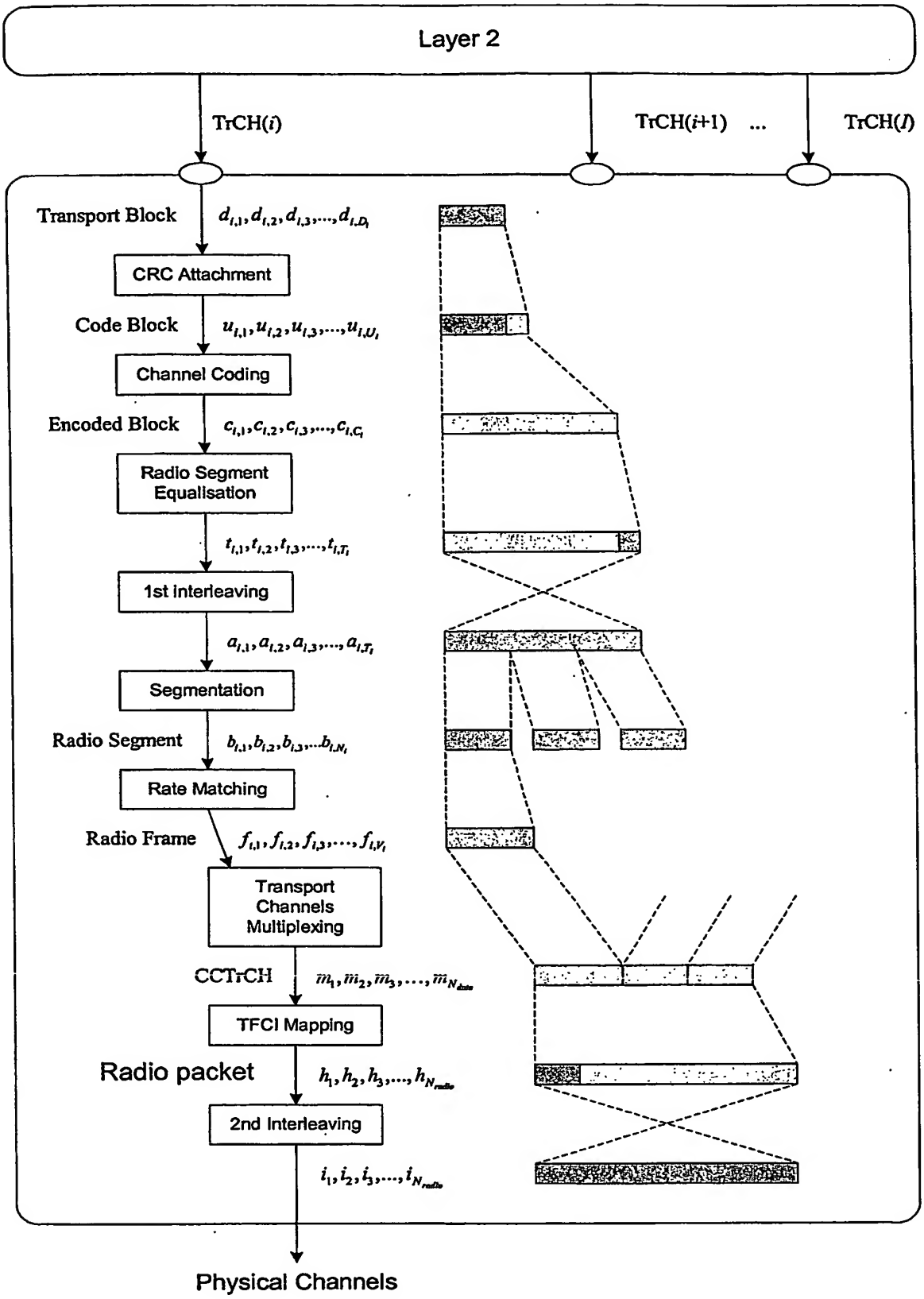

Layer 2
TrCH(i)
TrCH(i+1) ...
TrCH(I)
Transport Block
$d_{i,1}, d_{i,2}, d_{i,3}, \ldots, d_{i,D_i}$
CRC Attachment
Code Block
$u_{i,1}, u_{i,2}, u_{i,3}, \ldots, u_{i,U_i}$
Channel Coding
Encoded Block
$c_{i,1}, c_{i,2}, c_{i,3}, \ldots, c_{i,C_i}$
Radio Segment Equalisation
$t_{i,1}, t_{i,2}, t_{i,3}, \ldots, t_{i,T_i}$
1st Interleaving
$a_{i,1}, a_{i,2}, a_{i,3}, \ldots, a_{i,T_i}$
Segmentation
Radio Segment
$b_{i,1}, b_{i,2}, b_{i,3}, \ldots b_{i,N_i}$
Rate Matching
Radio Frame
$f_{i,1}, f_{i,2}, f_{i,3}, \ldots, f_{i,V_i}$
Transport Channels Multiplexing
CCTrCH
$\bar{m}_1, \bar{m}_2, \bar{m}_3, \ldots, \bar{m}_{N_{data}}$
TFCI Mapping
Radio packet
$h_1, h_2, h_3, \ldots, h_{N_{radio}}$
2nd Interleaving
$i_1, i_2, i_3, \ldots, i_{N_{radio}}$
Physical Channels

Figure 1A

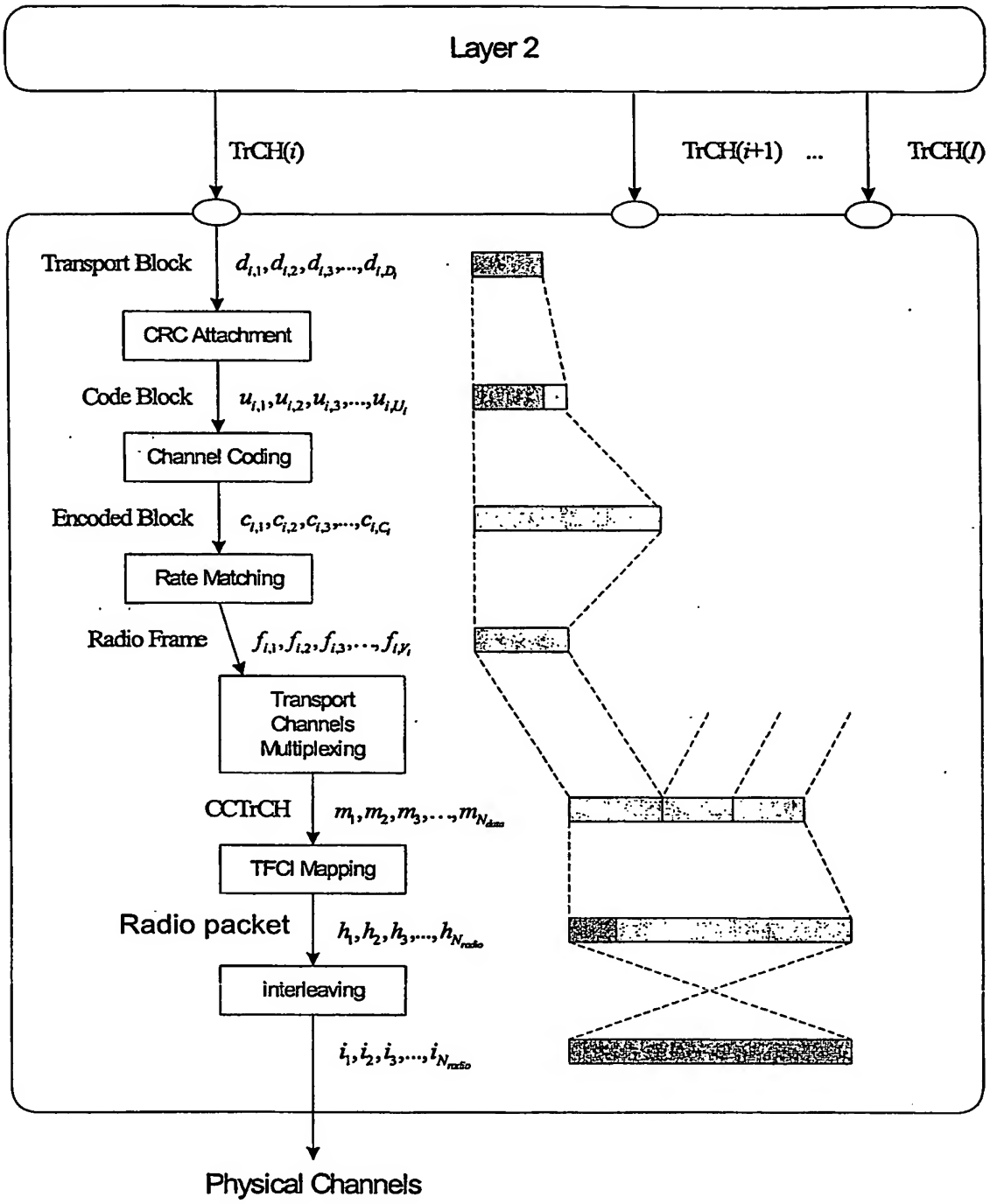
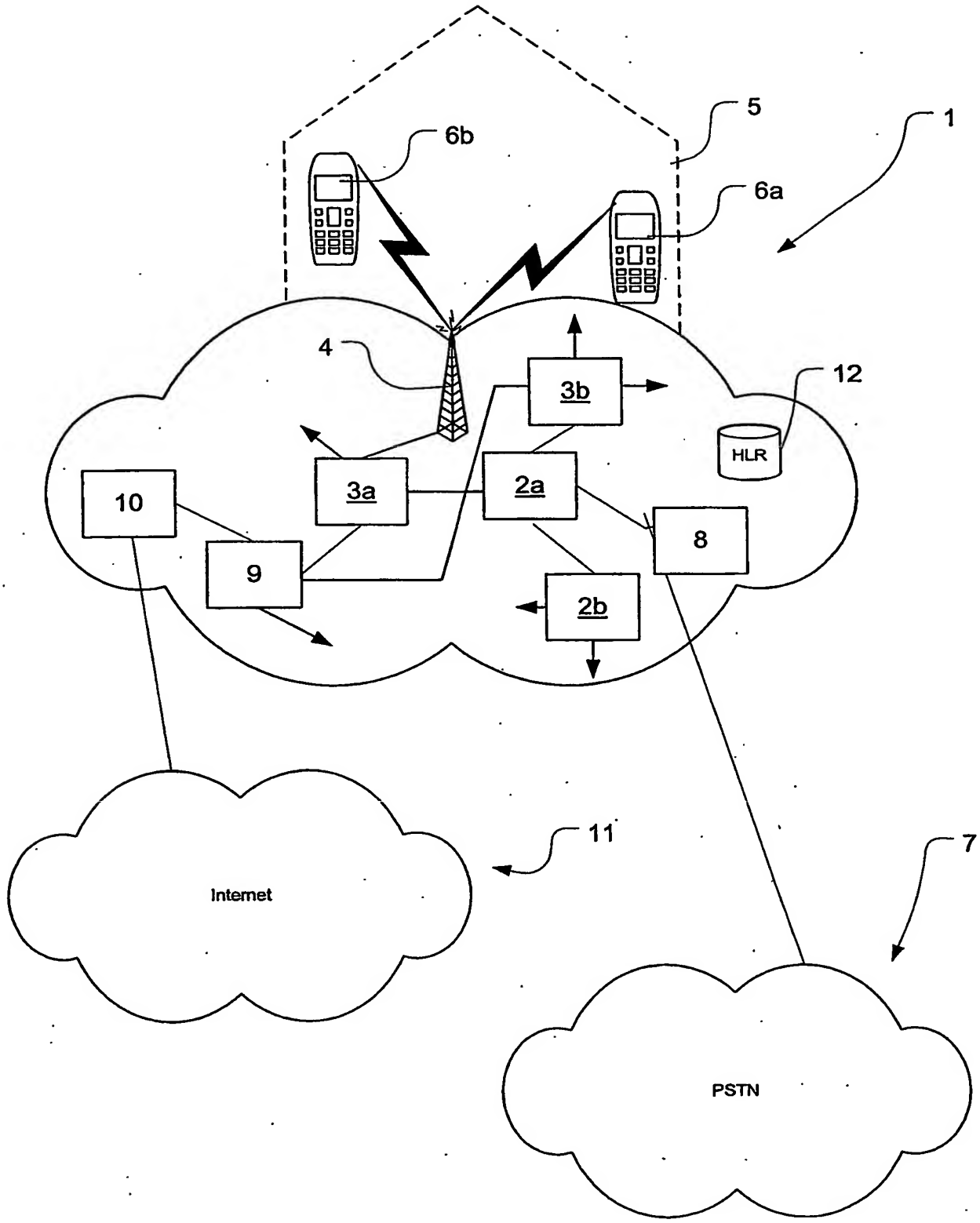

Layer 2
TrCH(i)
TrCH(i+1) ...
TrCH(I)
Transport Block
$d_{i,1}, d_{i,2}, d_{i,3}, \ldots, d_{i,D_i}$
CRC Attachment
Code Block
$u_{i,1}, u_{i,2}, u_{i,3}, \ldots, u_{i,U_i}$
Channel Coding
Encoded Block
$c_{i,1}, c_{i,2}, c_{i,3}, \ldots, c_{i,C_i}$
Rate Matching
Radio Frame
$f_{i,1}, f_{i,2}, f_{i,3}, \ldots, f_{i,Y_i}$
Transport Channels Multiplexing
CCTrCH
$m_1, m_2, m_3, \ldots, m_{N_{data}}$
TFCI Mapping
Radio packet
$h_1, h_2, h_3, \ldots, h_{N_{radio}}$
interleaving
$i_1, i_2, i_3, \ldots, i_{N_{radio}}$
Physical Channels

Figure 1B

Figure 2



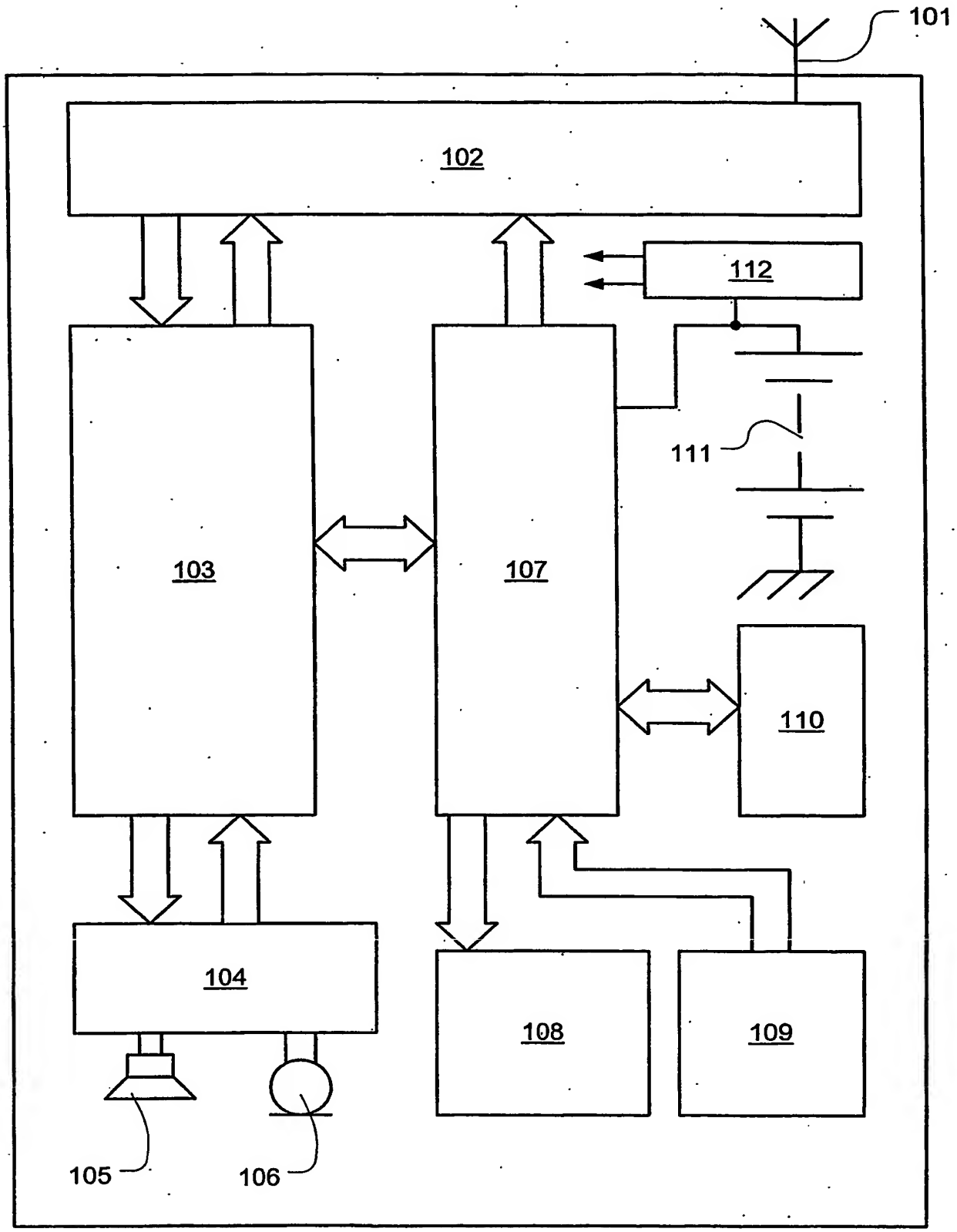


Figure 3

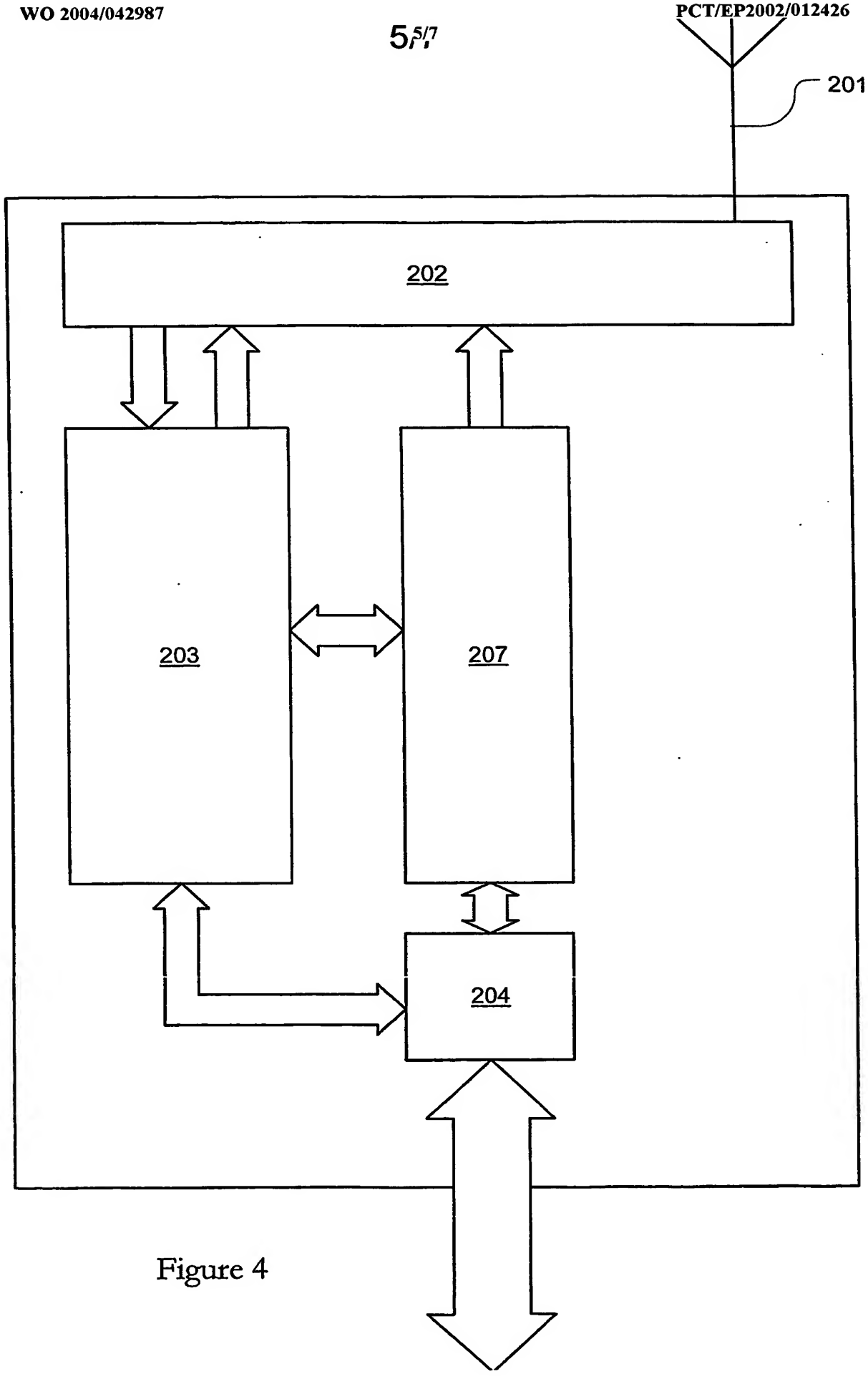


Figure 4

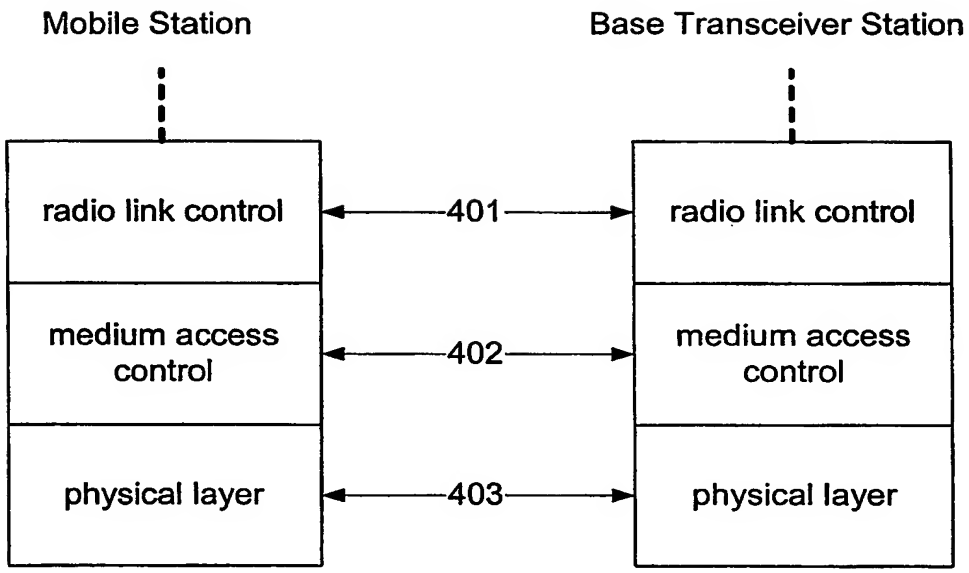

Mobile Station
Base Transceiver Station
radio link control
401
radio link control
medium access control
402
medium access control
physical layer
403
physical layer

Figure 5

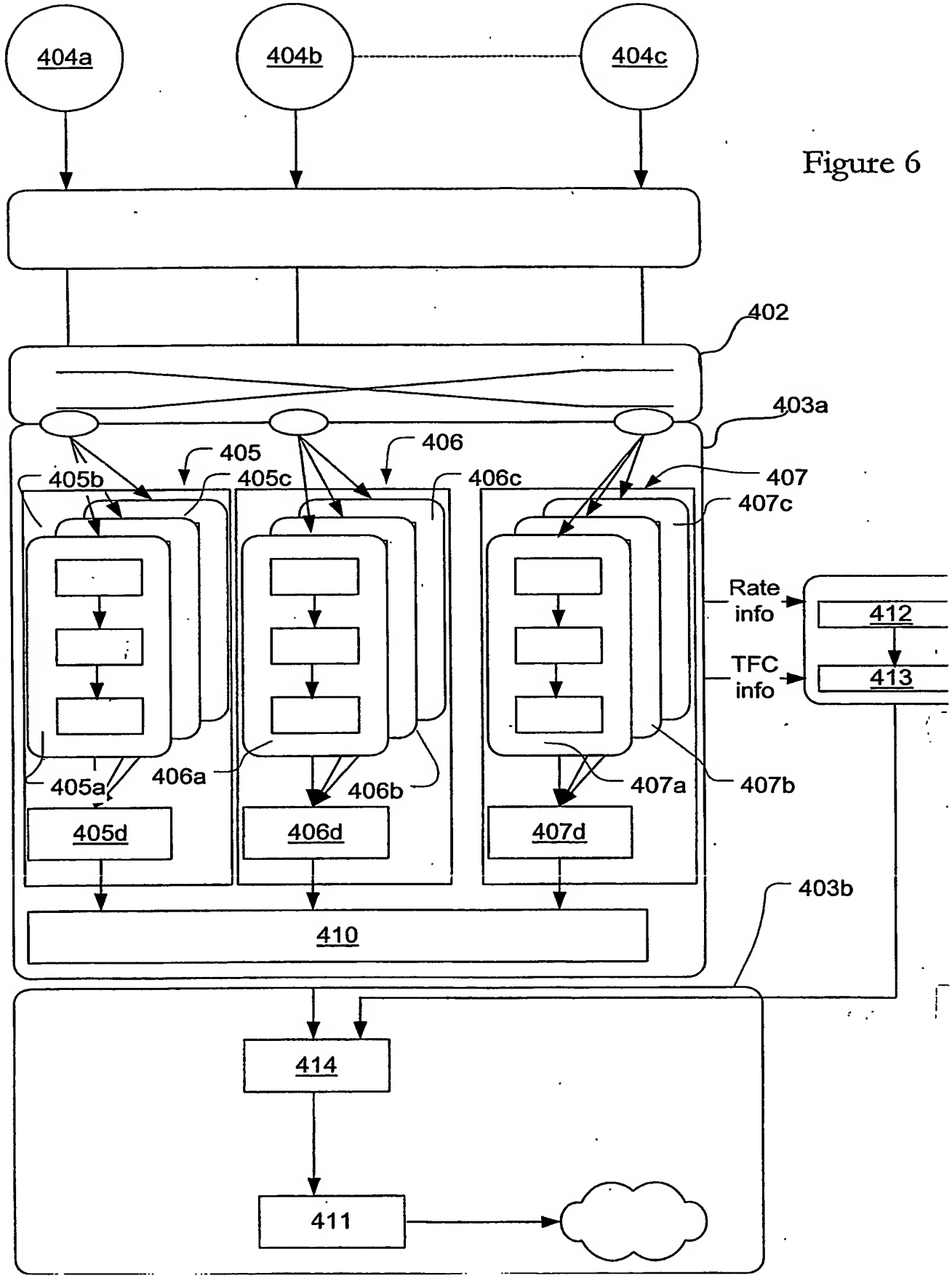

404a
404b
404c
402
403a
405
406
407
405b
405c
406c
407c
Rate info
TFC info
412
413
405a
406a
406b
407a
407b
405d
406d
407d
410
403b
414
411

Figure 6